



no late

Helen Kit Entorp
file

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE ADMINISTRATION
TRENTON, 08625

BEATRICE S. TYLUTKI
DIRECTOR

CERTIFICATE OF APPROVED REGISTRATION
AND ENGINEERING DESIGN APPROVAL

Under the provisions of N.J.S.A. 13:1E-1 et seq. known as the Solid Waste Management Act, this registration is hereby issued to:

KIT ENTERPRISES, INCORPORATED

for the purpose of operating a: Chemical Processing & Treatment

on Lot No. (S) _____

BLOCK NO. (S) _____

in the municipality of _____

county _____

under Facility Registration Number _____

Account Number
8-28-1 of the tax records

Elizabeth

Union

This approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This approval shall not prejudice any claim the State may have to Riparian land, nor does it permit the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be Riparian, Wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone without first acquiring the necessary grants, permits or approvals from the Department of Environmental Protection.

Date

Director
Solid Waste Administration

228687



Certificate of Approved Registration and Engineering Design Approval for
Kit Enterprises, Inc., Elizabeth, Union County

1. This Certificate of Approved Registration and Engineering Design Approval is for the following liquid waste as described in a report prepared by Robert J. Ballis, P.E., dated on October 12, 1978 and submitted on October 16, 1978:

- I. Oil lubricants within Waste Category No. 70 - Oil and sludges
- II. Fats and fatty oils within Waste Category No. 25 - Food processing
- III. Heavy hydrocarbons within Waste Category No. 70 - Oil and sludges
- IV. Light hydrocarbons within Waste Category No. 76 - Liquid hazardous wastes

2. Permitted Waste Types

Unless specifically authorized by the Solid Waste Administration only the following waste types may be accepted at this facility and processed:

- I. Oil Lubricants within Waste Category No. 70
Non emulsifiable oils such as lubricating oils and greases
- II. Fats and Fatty Oils within Waste Category No. 25
Natural fats and oils resulting from animal and plant processing.
- III. Heavy Hydrocarbons within Waste Category No. 70
Fuels and tars which include crude oils, diesel oils, No. 6 fuel oil and residual oils
- IV. Light Hydrocarbons within Waste Category No. 76
Gasoline, kerosen, jet fuel and other miscellaneous solvents which are separable by conventional gravity separation, or polymer coagulation

3. Groundwater Monitoring

One (1) groundwater monitoring well shall be installed immediately east of the cooling tower within sixty (60) days from the date of the approval.

The monitoring well shall be constructed in accordance with the attached specifications.

Water samples shall be collected from the well and forwarded for analyses to a recognized laboratory in New Jersey within two (2) weeks of well construction and once every three (3) months thereafter. The initial, quarterly and annual analyses shall be performed according to the procedures specified in N.J.A.C. 7:26-2.5.22; the Rules of the Solid Waste Administration plus, and analyzed for the following parameters or any additional parameters as required by the

Administration. The copies of analyses shall be forwarded to this Administration within thirty (30) days of sampling date:

| <u>Analysis parameters</u> | |
|----------------------------|----------|
| Benzene | Arsenic |
| Total dissolved solids | Iron |
| Chlorobenzene | Lead |
| Chloroform | Copper |
| Dichloroethane | Zinc |
| Methyl ethyl ketone | Mercury |
| Naphthalene | Chromium |
| Petroleum hydrocarbons | Nickel |
| | Cadmium |

*Testing by
who?
Certified lab?*

PRELIMINARY DRAFT

4. Operational Plan and Site Preparation

The operational plan and site preparation shall be in accordance with the revised engineering plans, Emergency Contingency Plans, Operational Risk Assessment and Environmental Assessment prepared by Anderson, Ballis and Fowler Consulting Engineers, Robert J. Ballis, P.E. dated on June 16, 1978 and submitted on October 18, 1978. Kit Enterprises, Inc. shall assure the installation of the following:

- A mandatory testing manhole shall be installed at the effluent line between clarifier unit and city sewage line.
- A flow meter shall be installed to indicate total quantity of effluent being discharged to the municipal sewer.
- The location of a caustic tank, 3000 gallons capacity, shall be provided to this Administration upon commencement of operation.
- Sight meters shall be installed on each storage tank before the commencement of operation to insure that no overflow conditions occur.

A revised flow diagram plan shall be submitted to this Administration showing the location of items a, b, c and d within six (6) months from this approval.

This facility shall operate in accordance with N.J.A.C. 7:26-1 et seq. and all other appropriate state and federal regulations.

5. Spill Prevention Plan

Kit Enterprises, Inc. shall comply in all respects with the Spill Prevention Control and Countermeasure (SPCC) Plan filed with the United State Environmental Protection Agency.

6. Sewage System

Kit Enterprises, Inc. shall comply with all conditions of Elizabeth City Sewage Discharge permit criteria as established by Clinton Bogert Associates.

In addition, the effluent shall meet the requirements as set forth in the City of Elizabeth's Ordinances Nos. 1059, 1060, 1075 and 1103.

7. Fire Safety

An adequate water supply and/or fire fighting equipment shall be readily available. Fire fighting procedures shall be conspicuously posted.

8. Noise Control

Noise Control shall be implemented as necessary so that noise levels generated by the facility shall not exceed the applicable standards set forth by the N.J. State Noise Control Regulations under N.J.A.C. 7:29-1.2.

9. Air Pollution Control

Kit Enterprises, Inc. shall obtain and comply with the Bureau of Air Pollution Control's air emission permits.

10. Emergency Contingency Plans

Kit Enterprises, Inc. shall have available on-site Emergency Contingency Plans and shall thoroughly indoctrinate its personnel in the utilization of these plans. Furthermore in case of a major accident, the facility operator shall immediately notify the Administration of the incident and cease operation as deemed necessary by the Department.

11. Discharge/Prevention Plans

Kit Enterprises, Inc. shall comply with the Discharge Prevention Requirements of the Department of Environmental Protection's Office of Hazardous Substances Control.

12. Plans in Office

One complete set of the approved engineering plans, engineering reports, guideline of operational risk factors, SPCC plan, Emergency Contingency Plans, Environmental Assessment and these conditions of approval shall be kept at this facility and shall be available for inspection by Department personnel or its designated representatives.

13. Professional Engineer Certification

Prior to initiation of operation, a letter from a New Jersey licensed professional engineer shall be submitted to this Administration certifying that all completed construction and all existing piping system shall be tested. If and when changes are made, an as built diagram shall be submitted to this Administration.

14. Identification of Storage Tanks

The storage tanks in tank farm area shall be labelled properly with numbers, color, or equivalent to identify the use of each tank. A letter and /or diagram shall be submitted to this Administration showing the identification by use of each tank.

15. Engineering Plans

The construction and operation of this facility shall be conducted in accordance with the requirements of the Solid Waste Administration, the conditions in this approval and the revised engineering design and the report prepared by Robert J.

Ballis, P.E. dated on June 16, 1978 and submitted on October 16, 1978. In case of conflict, the conditions of this approval will supersede those of the engineering design.

16. Closure Fund — *before permitting*

Within sixty days, but prior to initiation of operation, Kit Enterprises, Inc. shall submit to the Administration an estimate of facility closure costs and evidence that sufficient monies for proper facility termination are set aside by establishing an escrow fund or security bond for this purpose. Should the scope of facility operation increase pursuant to additional Departmental approvals, further closure cost estimates shall be provided and said closure fund shall be proportionally increased.

17. Residue Disposal

Prior to initiation of operation, Kit Enterprises, Inc. shall submit to the Administration the name and location of sites intended for disposal of wastes resulting from their operation.

18. Waste Storage

Storage of chemical waste shall be in accordance with the engineering plans and reports submitted by Robert J. Ballis, P.E. as amended. Should the registrant desire to store drums containing waste chemicals on-site a plan for drum storage must be approved by the Department before such storage commences. Under no circumstances shall drummed waste be stored on-site in excess of six (6) months.

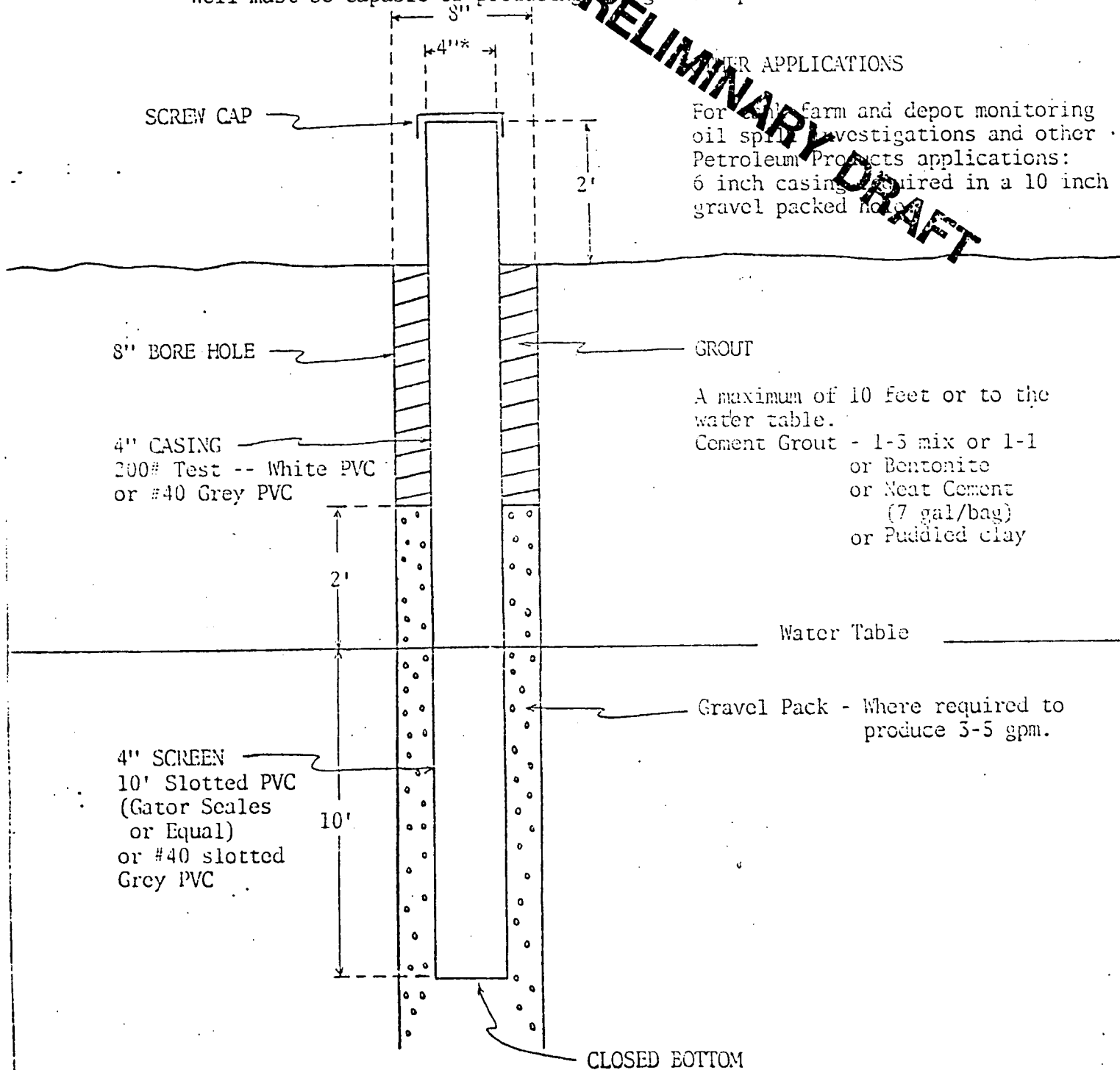
*This should
be known in
advance*

PRELIMINARY DRAFT

WATER TABLE - SAND WELL

Please note: State Well Permits are required. Report "use of well" on well permit application as, "Sanitary Landfill Observation Well."

Also note: Extra care should be taken in making an accurate log of materials encountered in drilling and in reporting the stabilized static water level. Well must be capable of producing 25 gallons per minute.



NOT TO SCALE

Failure to comply with any or all limitations heretofore mentioned will result in the Department seeking relief under N.J.S.A. 13:1E-1 et seq., the Solid Waste Management Act. Specifically, failure to so comply may be considered a violation of N.J.S.A. 13:1E-12.

This Certificate of Approved Registration and Engineering Design Approval is not valid until the original is signed by the applicant, signifying acceptance of all terms and conditions, and is returned to the Solid Waste Administration for final processing.

PRELIMINARY DRAFT

Notary Public

Date

Applicant's Signature

Applicant's Name (Printed)

Applicant's Title